Secrt. II-27—104,000—4-11-49.

Development (1950) Department.

M8 SERIES.

G.O. NO. 555

Dated 5-2-54

Passed

Sydt.

[Despatch Abstract.]

Livestock – District Livestock Farm, South Kanara – Installation of oil engine, dynamo and water pump [illegible] –

Roc.No.3871-V/50.

Animal Husbandry Department,
Triplicane P.O. Madras,
Dated 9-8-50.

81951 PL&H 12.8.50

From
Sri V.R.Rajagopalan, GMVC., Dip. Bact. (Manchester),
Director of Animal Husbandry, Madras.

To
The Deputy Secretary to Government,
Development Department, Madras.

Sir,

Sub: Deadstock - Oil Engine pump and overhead tank etc - Supply to the District Livestock Farm - South Kanara - Proposals.

A 15 feet diameter circular well has been sunk to a depth of 26' in the District Livestock Farm, South Kanara. Further deepening of this well will be undertaken during the ensuing summer. The water level in the well during summer may go down to 25' below the ground level. It is therefore considered necessary to instal an oil engine and pump for water-lifting operations. The pump will have to be worked by motor as it is difficult to lower a belt driven pump to depths beyond 10 feet.

2. Regarding lighting arrangements, it is feared that the use of Hurricane and petromax lights will not be satisfactory in view of the weather conditions prevailing in the farm area. For nearly 4 months there will be very heavy rains, as it is a 200 inch rainfall area. The use of petromax and hurricane lights for early morning milking or for late hours of work in the evenings is not possible in the inclement weather conditions. The Superintendent, therefore, states that the installation of power light is very desirable in the interests of efficient work. He states that the proposed oil engine can also be utilised to work the Dynamo for lighting arrangements, and suggests that the pump may be worked by a 3 phase 440 Volts 1½ K.W squirrel cage induction motor. This motor will be compact and can easily be lowered on to the plat-form at the desired depth in the well during summer.

The Superintendent has contacted the representatives of the concerned firms, and has quoted the following prices for the above requirements of the farm:-

(1) 10 H.P. Petter oil Engine	Rs.2,000
(2) Pump and motor 1.5 H.P.	Rs.1,200
(3) Three phase 440 K.W. alternator	Rs.3,000
(4) Overhead tank	Rs. ~~1,200~~ 1,250
(5) Pipes 1½" including laying etc.	Rs.2,000
(6) Wires and bulbs	Rs.2,250
Total	Rs.11,700

It will be a useful investment to provide the farm with these facilities. I, therefore, request Government to be pleased to accord sanction for the installation of the oil engine and ~~pump together with an overhead tank~~ and dynamo at a cost not exceeding Rs.11,700/-. The expenditure will be met either by re-appropriation or by applying for additional allotment during the current financial year under 41.Veterinary.

Yours faithfully,

V.R.Rajagopalan
10.8.50.

Director of Animal Husbandry, Madras.

PT.9-8.Edn.108-50

Development Department

PR. issue

MEMORANDUM No. 81951 P&D II/50-1 dated 22.8.50.

Sub: LIVESTOCK FARM AT KOILA, SOUTH KANARA DISTRICT - Installation of oil engine and dynamo

Ref: From the D.A.H. Roc No. 3871-V/50 dated 9-8-50

p.i Cf

State whether the work is intended for irrigation or other purposes also

The D.A.H. is requested to ~~give full justification for his proposals~~ and also explain more fully the need for the installation of an oil engine, dynamo etc in the district livestock farm at Koila in the South Kanara Dt., ~~especially in the State~~ having regard to the present financial stringency. He is also requested to state whether similar ~~amenities~~ equipment have been provided in the farms at Korukkuppi and Hosur, ~~and also whether there is any transmission line near the farm site at Koila and if so, its distance from the farm.~~

To the D.A.H.
R.D. 9-9-50.

18.8.50

18.8.50. 21.8.50. AEI 21/8/50

(E.R. issued on 9-9-50)
(N.R. 30-9-50)

ROC.NO.3871-V/50.

ANIMAL HUSBANDRY DEPARTMENT
Triplicane P.O., Madras.
Dated 25th September 1950.

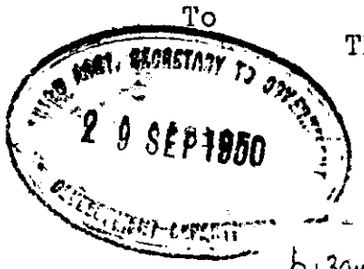
From

Sri V.R. Rajagopalan,
G.V.C.,Dip., Bact., (Manchester),
Director of Animal Husbandry, MADRAS.

98528 P.D.W. 29.9

To

The Deputy Secretary to Government,
Development Department, MADRAS.



Sub: Livestock Farm at Koila, South Kanara District - Installation of oil engine and dynamo
Ref: Government Memorandum No.81951-P&D-II/50-1 dated 22-8-50.

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There is only one well which was recently sunk in the District Livestock Farm, South Kanara which is situated in a forest area where there are no facilities for supply of water. This well is therefore, the only source for supply of water for the farm animals, dairy, irrigation of crops etc. The well is intended not only for irrigation but also for other purposes of catering the needs of water supply throughout the farm. The only satisfactory arrangement for drawing water from the well for all such purposes is the installation of an engine and a pump. The Executive Engineer explained to me during my last inspection of the farm that a belt driven pump will not lend itself to its being lowered to the required depths during the summers when the level of water goes down considerably, and hence it is necessary to go in for an electrically driven pump. It need hardly be mentioned that a dynamo is required for an electric pump and it is proposed to utilize the dynamo also for lighting purposes in the night when pumping work is expected generally to be at a standstill. It is obvious that water supply is one of the essential necessities on any livestock farm, and in the absence of other resources, I am quite satisfied that there is need for the installation of an oil engine, dynamo etc. in the District Livestock Farm at Koila. The farm has a great future and deserves to be developed.

2. There is a big tank from which water is let out by opening the sluice for irrigation purposes in the Livestock Research Station, Hosur. Besides this tank, there is an overhead tank, an Engine and pump for the supply of water to cattle, dairy and irrigation. No dynamo has been installed at the Livestock Research Station, Hosur for generation of electricity. Two oil engine pumpsets and one petrol engine pumpset have been installed in the Combined Sheep and Cattle Farm, Kurukuppi for lifting water from wells for irrigation and other purposes. No dynamo has been supplied to the Kurukuppi farm.

Yours faithfully,

V.R. Rajagopalan 27/9

DIRECTOR OF ANIMAL HUSBANDRY,
Madras.

cvm.26/9

27/9.

Dev. (P&D) Dept.

T.M.

Pl. issue B.I 6/10/50.

No. 81951 P&D.II/50-2 DATED 6-10-50.

From: The Assistant Secretary to Government, Development Dept

To : The Director of Animal Husbandry, Madras.

Sub: LIVESTOCK FARM, KOILA -- Provision of electricity and water supply.

P. 5 C.F. Ref: Your letter No. 3871-V/50 dated ~~9-8-50~~ 25.9.50.

T.M. issued 6-10-50

Please furnish an estimate of the annual expenditure on the maintenance of the oil engine, dynamo etc. i.e., purchase of fuel oils, lubricants, spares and repairs. Please also say whether it is necessary to employ an engine driver or mechanic to tend the engine and if so what expenditure will have to be incurred on this account.

P.C. to go.

(R.D. 20-10-50)

6.10.50.

6-10-50.

6/10/50

Roc.No.3871-V/50.

Animal Husbandry Department, 9
Triplicane P.O. Madras,
Dated 8-12-50.

From

Sri V.R.Rajagopalan, GMVC., Dip., Bact., (Manchester),
Director of Animal Husbandry, Madras.

To

The Deputy Secretary to Government,
Development Department, Madras.

C.No: 12835 P2 dt 9.12.50.

Sir,

Sub: Livestock Farm Koila - Provision of electricity and water supply.

In the Secretariat file

Ref: Government Memorandum No.81951-P & D-II/50-6, dated 30-11-1950.

With reference to the Post copy of telephonic Message No.81951- P & D-II/50-2, dated 6-10-50, I furnish below a rough estimate of the annual expenditure on account of the maintenance of the oil engine, dynamo etc.

1. Pruchase of fuel oil — Rs.473--0--0
   Cost of 360 gallons of diesel oil calculated at the rate of 5 1/2 lb or 1/2 a gallon per hour per day @ Rs.1-5-0 per gallon. The engine is expected to work 2 hours per day.

2. Lubricants: Cost of 2 gallons of lubricants (for every 500 hrs. of work, 1 gallon is reported to be required) = Rs.10--0--0

3. Spares and repairs. Rs.100--0--0

Total Rs.583--0--0 / A

X / It will be necessary to engage an engine driver. The Superintendent, District Livestock Farm, South Kanara reports that an engine driver on Rs.40-1-50 scale is required to tend the machines. The expenditure on account of the employment of an engine driver for the first year is given below:- / X

Pay at Rs.40/- per mensem.	Rs.480--0--0
Dearness Allowance at Rs.21/- per mensem.	Rs.252--0--0
Total	Rs.732--0--0 / B

46.1
22
18.1

583
732
1315

Yours faithfully,

V.R.Rajagopalan
8/12

Director of Animal Husbandry, Madras.

PT.8-12. CMS 8/12.

Extract from letter No.Roc.No.6-V/50, dated 8-12-50, from the Director of Animal Husbandry, Madras, to the Deputy Secretary to Government, Development Department, Madras.

130632 P&D(A) 28.12.50.

Sub: District Livestock Farm - South Kanara, Koila - Progress of work - Monthly report for November, 1950.

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xx xx xx xx

Deadstock. In view of the pressing need, the Superintendent has taken delivery of the oil engine, pump and dynamo in anticipation of the sanction of Government and these will be installed soon. A water barrel of 100 gallon capacity has been purchased. Two mowing machine and one combined Tedder and Rake have also been newly purchased from Messrs. Volkart Brothers in anticipation of the sanction of the Government as the grasses in the farm was ready for cutting.

xx xx xx

S. Nata Raj
Superintendent
28/11/50.

B.S
28/12/50

Dev. (P&D) Deptt.

LIVESTOCK -- District Livestock Farm, South Kanara-- Installation of oil engine, dynamo and water pump-- Sanctioned.

READ AGAIN: G.O.Ms.No.107-Devt., dated 7-1-1950.
G.O.Ms.No.2639-Devt., dated 5-7-1950.

READ ALSO: From the D.A.H.Roc.No.3871-V/50, dated 9-8-50, 25-9-50 and 8-12-50.

ORDER MS.NO. 555 DEVT. DATED 5-2-51.

H.E. the Governor of Madras approves the proposal of the D.A.H. for the installation of an oil engine, dynamo and water pump in the District Livestock Farm, Koila, South Kanara.

Sanction is accorded for the following items of expenditure:-

Non-recurring.

(1) 10 H.P.Petter Oil Engine.	Rs.	2,000
(2) Pump and motor 1.5 H.P.	"	1,200
(3) Three phase 440 K.W.alternator.	"	3,000
(4) Overhead tank.	"	1,250
(5) Pipes 1½" including laying etc.	"	2,000
(6) Wires and bulbs.	"	2,250
Total	Rs.	11,700

Recurring.

(1) Maintenance of the Oil Engine, dynamo etc.	Rs.	583
(2) Pay of engine-driver plus dearness allowance.	Rs.	732
Total	Rs.	1,315

The expenditure should be debited to "41.Veterinary--f.Breeding Operations--H.Postwar Reconstruction--(iv) Cattle breeding farms."

To the D.A.H.
,, the A.G. thro' Fin.
,, the Dev. 'E' Section.
Copy to S.F.

Dev.(P&D) Dept.

Sub: Postwar Development - Livestock - Establishment of a Livestock Farm at Koila, South Kanara Dist. - Installation of Oil engine and Dynamo.

Ref: From the D.A.H.No.3871-V/50, dated 9-8-50. Issued as Memo.No.81951-P&D-II/50-1, dated 22-8-50. From the D.A.H.No.3871-V/50, dated 25-9-50 and 8-12-50.

In G.O.Ms.No.107, Dev. dated 7-1-50, sanction was accorded for the establishment of a Livestock Farm at Koila, in the South Kanara Dist. In July, 1950, the Govt. sanctioned an expenditure of Rs.6,550 for digging a well in the farm site. As the water level in the well may go down 25 feet below ground level during summer season, the D.A.H. has proposed the installation of an engine for water-lifting operations. It is reported that this is the only well situated in a forest area where there are no facilities for the supply of water and that this well is the only source of supply of water for the farm animals, dairy, irrigation of crops etc. There is therefore need for the installation of a mechanical contrivance for lifting water from the well.

But, the D.A.H. has reported in consultation with the Executive Engineer, South Kanara that a ~~belt~~ belt-driven pump cannot be used in this case and that a pump driven by an electric motor is necessary. To generate electricity for this purpose, the installation of a dynamo has been proposed. The Director has suggested that the dynamo may be utilized during night hours for lighting purposes, as the use of petromax and hurricane lamps is not possible during the monsoon. The extra cost involved in the Director's proposals is Rs.11,700/- non-recurring, and Rs.1400/- recurring.

In this connection, it may be pointed out that both in Hosur and Kurukuppi farms there is no provision for electricity, but mechanical pump-sets have been supplied. On the same analogy, it seems sufficient if an engine driven pumpset is installed in the Koila Livestock farm also. If this is agreed to, the question

of electrifying the Farm will not arise at present, and the extra cost will be only Rs.5250/- non-recurring and Rs.1400 recurring p.a. For orders.

P.W. and Finance Depts. may see for remarks.

DA 11 consulted the file also
Thereafter his opinion may be accepted | X

13/12/50 AS II 14/12/50 | P.W. | Fin

Pw / Fin

Is the line from Jog to Mangalore likely to pass through this area? | A
P.W. may advise us on the proposal.

PW / Fin.

Dev.II.O.No.81957 Pdtd 50-7

21/12/50.

ASSISTANT SECRETARY TO GOVERNMENT PUBLIC WORKS DEPARTMENT
P 5714
21 DEC 1950
6063

PW (S)

The CE(E) has reported, in another connection, that the actual point of supply of Mysore power from Jog is under discussion with the Chief Elect. Engineer, Mysore and is yet to be finalised as that the alignment of line will have to be fixed after details survey by our staff which is being posted by the C.E.(E). In the circumstances may be informed that the information

Copy of Govt. letter No 50025/50-3 Pw dated 22.11.50 sent to CE(E) for report

3

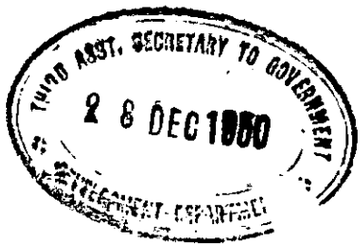
p2 and 3

required by the Secy. Dev. Dept. & it not be available until the Mysore Govt. indicates the point of release and the course which the laying of the line will follow is settled. However, Finance may be approached to ask the C.E.(E) to do the further if necessary, in the p...

26.12.50 — 26.12.50 — 27.12.50

P.W.No. 5714 S/50-1
d 27.12.50

131018 P&D
28/12/50.



Dev.(P&D) Dept.

To A.S.

The P.W.D. note indicates that even if the line from Jog were to pass through the Koila farm area, it may be some years before mains supply can be expected. It does not therefore seem necessary to consult the C.E.(E) with reference to the suggestion at 'M' above. The case may now go to Fin. as originally marked.

2.1.51 — 4.1.51 — 3157

Dev. U.O. No: 81951 P&D(P)-9
3/1/51

Finance(Exp.C.)Dept.

36 C.F.

In G.O.No.107 Devt. dated 7-1-50 sanction was accorded for the establishment of a Livestock Farm at Koila in the S.Kanara District. In G.O.No.2639 Devt. dated 5-7-50 an expenditure of Rs.6,550/- was sanctioned for the digging of a well in the farm site. It is now stated that the water level in the well may go down 25 ft. below ground level during summer season. As this is the only well situated in a forest area where there are no

facilities for the supply of water and as this is the only source of supply of water for the farm animals, dairy, irrigation of crops etc., the D.A.H. has proposed the installation of a mechanical contrivance for lifting water from the well and has requested the sanction of the Government for installation of an oil engine and pump together with an overhead tank and dynamo. The expenditure involved in the Director's proposal is Rs.11,700/- non-recurring and about Rs.1400 recurring as shown below:-

			Rs
Non recurring	(1)	10 H.P, Petter Oil Engine.	Rs 2,000
	(2)	Pump and motor 1.5 H.P.	Rs 1,200
	(3)	Three phase 440 K.W. alternator.	Rs 3,000
	(4)	Overhead tank.	Rs 1,250
	(5)	Pipes 1½" including laying etc.	Rs 2,000
	(6)	Wires and bulbs.	Rs 2,250
		Total	Rs 11,700
Recurring	(1)	Maintenance of the Oil Engine, dynamo, etc.	Rs 583
	(2)	Pay of Engine driver plus dearness allowance.	Rs 732
		Total	Rs 1,315

Development support the proposal. The proposal may be agreed to in this Department.

18/1/51

Financial Procedure: As the non-recurring expenditure exceeds Rs 5,000/- the case may be circulated to H.M.(Fin) and H.C.M.

18/1/51

17/1/51

19.1.51

Thro' Exp.B E.II

Dev. 8175 PART II 22.1.51

Fin No. 705 Exp C 51 18-1-51

81951
5
30/1

5

Dev. (P&D) Deptt.

To A.S.

The case relates to the question of installation of an oil engine, dynamo and water pump in the District Livestock Farm, South Kanara. In connexion with the establishment of the Farm, Government have sanctioned inter alia an expenditure of Rs. 6,550/- for digging a well It is reported that in summer the water level in the well may fall to 25 ft. below ground level. As this is the only source of water supply for the farm animals, dairy, irrigation etc., the D.A.H. has reported in consultation with the Executive Engineer, South Kanara that the installation of an electrically driven water pump is necessary. The electricity is to be generated by a dynamo driven by an oil engine. The Director has suggested that the dynamo may be utilised during night hours for lighting purposes, as the use of petromax and hurricane lamps is not possible during the monsoon. The cost involved in the Director's proposal is Rs. 11,700/- non-recurring and Rs. 1,315/- recurring. Both this Department and Finance support the proposal.

A draft order sanctioning the proposal is submitted. The case may be circulated to H.M.(Agri.)., H.M.(Fin.) and H.C.M. for approval of the draft orderx.

27.1.51 27-1-51.

29/1/51 AS II. AS. 29/1/51 30/1 HM (Agr) HM (Fin) 29/1 H.C.M. 31.1

SECRETARY TO GOVERNMENT 6 FEB 1951 DEVELOPMENT DEPARTMENT

f/13 c.f. Issued as G.O.No. no: 555 Devt, dated 6-2-51

Dev. (P&D) Deptt.

Sub: DISTRICT LIVESTOCK FARM, SOUTH KANARA, ~~KOILA~~ --
Purchase of oil engine, pump and dynamo.

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To A.S.

Please see the extract of letter from the D.A.H. ~~below~~ on p.1.c.f.

The Director submitted proposals for the purchase of an oil engine, pump and dynamo for the District Livestock Farm, South Kanara in August 1950. As the proposals were incomplete, he was asked to furnish certain additional particulars. He furnished his final reply on 9-12-1950. The question has been noted on in this Department and sent to Finance. It is not possible to say at present whether the proposal will be eventually sanctioned. Meanwhile the D.A.H. has reported that the Superintendent of the Livestock Farm, Koila has taken delivery of the oil engine, pump and dynamo. This places Government in an embarrassing position. It is for consideration whether the Director may be informed that the Superintendent should not have taken delivery of the oil Engine, pump and dynamo pending final orders of Government on his proposals.

It may also be mentioned here that proposals for sanction of additional staff, purchase of equipment etc. for the livestock farm are received from the D.A.H. in piecemeal fashion and very often the proposals are incomplete and do not furnish full financial implications and other details necessary for the consideration of the proposals. All this has to be elicited from the D.A.H. and this naturally involves loss of time and effort. It is therefore for consideration whether these points also may be brought to the notice of the Director.

4-1-51 4-1-51. This file may be sent to Finance in continuation

Rock on 16/1/51

Fin no 705 A Exp C 14-1-51
Dev: U.O.No: 13063 2 P&D II/50-1
5-1-57.

4/57 AS II 57/151. DS 5-1-51. Fin

Fin (Expo)

Please see the remarks of this deptt in the TOR file.

17/1/51

18/1/51

Sec.